



15915 U.S. PTO

CROWELL & MORING, LLP  
Intellectual Property Group  
P.O. Box 14300  
Washington, D.C. 20044-4300  
202) 624-2500

October 7, 2003

Customer No.

**23911**22389 U.S. PTO  
10/679408**Mail Stop PATENT APPLICATION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: New U.S. Patent Appln.  
Our Ref: 029116.52803US

Sir:

Transmitted herewith for filing is the patent application of:

**Kazuo WATANABE, Takahiko YAMASHITA, Yasushi ITO and Katsuhiro  
NAGASAWA**

entitled: **MACHINING METHOD AND MACHINING APPARATUS**

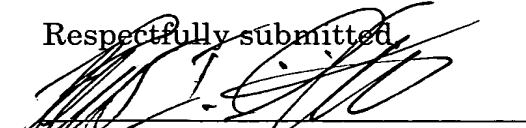
Enclosed are:

1. Specification, including 19 claims (pages 29).
2. 11 Sheets of X Formal drawings showing Figs. 1-11.
3. Declaration and Power of Attorney.
4. Application Data Sheet
5. Assignment of the invention to **Hitachi Via Mechanics Ltd.**
6. Preliminary Amendment
7. The filing fee has been calculated as shown below:

Basic Fee					\$385/770	= \$770.00
Total Claims	<u>43</u>	-	20	=	<u>23</u>	x \$9/18 = \$414.00
Independent Claims	<u>4</u>	-	3	=	<u>1</u>	x \$43/86 = \$ 86.00
Multiple Dependent Claim Presented					\$140/280	= \$280.00
Total Filing Fee						<u>\$1550.00</u>

Two checks in the amount of \$1,550.00 for the filing fee and \$40.00 for the assignment recording fee are enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 05-1323 (Docket #029116.52830US). A duplicate copy of this sheet is enclosed.

Respectfully submitted,

  
 Herbert I. Cantor  
 Reg. No. 24,392

HIC:tcv